

FortiGuard Security Services

ATTACK	SEVERITY
HP.ProCurve.Manager.SNAC.UpdateCertificatesServlet.File.Upload	High
TrendMicro.InterScan.Web.Security.Virtual.Appliance.CSRF	High
MS.Exchange.OWA.Cross.Site.Forgery	Low
Wordpress.Pixabay.Images.PHP.Code.Upload	High
MS.IE.Layout.Memory.Corruption	High
Keyfax.Customer.Response.Management.Information.Disclosure	Medium
MS.IE.Iframe.JavaScript.Information.Disclosure	Medium
Novell.File.Reporter.FSFUI.UICMD.126.Arbitrary.File.Retrieval	High

FortiGuard Services

Cyber threats and cyber crime are on the rise. Criminals are exploiting the complexity of our expanding networks to infect systems, steal data, and ransom systems. But that's only half of the equation.

What you don't hear about is that IT security teams now monitor an average of fourteen separate security management consoles. Just keeping these systems tuned and updated to detect the latest threats is expensive and time-consuming.

The best answer to a complex problem is simplicity.

FortiGuard Services address this challenge by automatically updating and fine-tuning your security tools to the latest threat information every single day, all day long. Hundreds of FortiGuard researchers around the world use data collected from over two million sensors to update the portfolio of Fortinet security solutions deployed globally by over 250,000 customers.

FortiGuard Labs

Hundreds of FortiGuard researchers scour the cyber landscape to discover emerging threats and develop effective countermeasures to protect organizations around the world. They are the reason FortiGuard is credited with over 250 zero-day discoveries – a record unmatched by any other security vendor. Our unique combination of in-house research,

These services are available individually, or in service bundles that combine critical services into a simple and cost-effective subscription license for organizations of every size.

The FortiGuard Enterprise Services Bundle: Our most comprehensive and cost-effective package, this services bundle is designed for complex enterprise environments to address today's advanced threat landscape. It delivers all FortiGuard security services available for the FortiGate, including: NGFW Application Control and IPS, Web Filtering, FortiSandbox Cloud, AntiVirus, Mobile Security, IP & Domain Reputation, AntiSpam, core FortiCare security services, and a choice of 8x5 or 24x7 support.

The FortiGuard UTM Services Bundle: This traditional UTM security services bundle includes NGFW Application Control and IPS, Web Filtering, AntiVirus, AntiSpam, and core FortiCare security services, along with a choice of 8x5 or 24x7 support.

information from industry sources, and machine learning is why Fortinet security solutions score so high in real-world security effectiveness tests at places like NSS Labs, Virus Bulletin, ICSA Labs, AV Comparatives, and more.

Here is a quick snapshot of the data and resources gathered, processed, and fed to Fortinet security tools:

Per Minute



35,000	Threat events
21,000	Spam emails intercepted
470,000	Network intrusions resisted
95,000	Malware programs neutralized
160,000	Malicious websites blocked
32,000	Botnet C&C attempts thwarted
43M	Website categorization requests

Per Week



46M	New & updated spam rules
1,000	Intrusion prevention rules generated
1.8M	New & updated AV definitions
1.4M	New URL ratings
8,000	Hours of threat research globally

Total Database



190	Terabytes of threat samples
18,000	Intrusion prevention rules
5,800	Application control rules
250M	Rated websites in 78 categories
312	Zero-day threats discovered

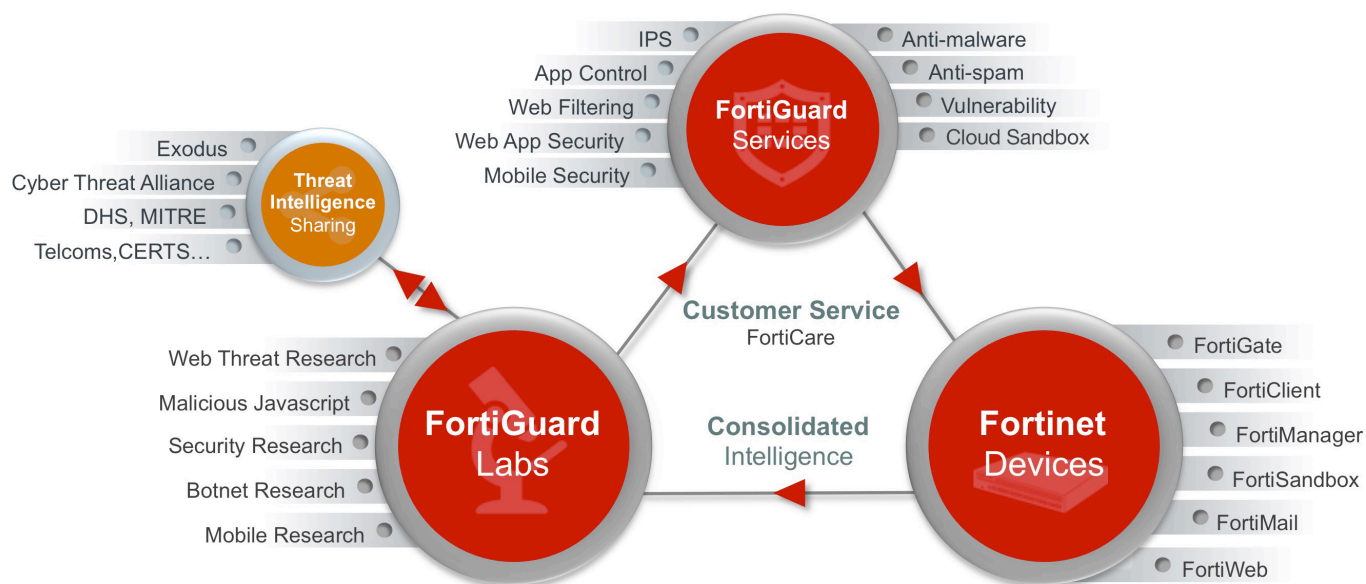
Fortinet Solutions and the Security Fabric

FortiGuard security services are available as subscription feeds for the FortiGate Next-Generation Firewall and IPS platforms, the FortiMail secure email gateway, the FortiClient endpoint protection software, FortiSandbox, FortiCache, and the FortiWeb web application firewall. These feeds provide constantly updated threat intelligence, countermeasures, filters, rules, and updates to ensure that your security deployment is tuned to protect you from the latest attacks and threats.

The FortiGuard threat intelligence ecosystem encompasses research performed by FortiGuard researchers in cooperation with extended security industry and law enforcement

organizations. This threat intelligence powers numerous security services delivered by the FortiGuard Distribution Network to Fortinet security solutions around the world.

This common source of intelligence not only keeps individual Fortinet solutions updated, but also allows these tools to collaborate as a single security system. Because they share a common framework, the Fortinet Security Fabric allows devices and applications to share threat intelligence, correlate data to identify sophisticated threats, and work together to coordinate a response in real-time.



FortiGuard Subscription Options

Here is a brief overview of the FortiGuard subscription feeds available for your organizations:

Next-Generation Application Control and IPS

Application control and intrusion prevention (IPS) are foundational security technologies for a Next-Generation Firewall like FortiGate. FortiGuard IPS blocks approximately 470,000 network intrusions, and new IPS signatures are being created and uploaded to deployed devices every single day.



Web Filtering

On any given day, FortiGuard Labs processes nearly 50 million URL categorization requests and blocks over 160,000 malicious websites. The FortiGuard Web Filtering service rates over 250 million websites and delivers nearly 1.5 million new URL ratings every week. Websites are categorized into six major categories for fast control, and nearly 80 micro-categories for fine-tuned control.



Antivirus

FortiGuard Labs has identified and neutralized nearly 100,000 malware programs targeting traditional, mobile, and IoT platforms. Patented technologies such as the Fortinet Content Pattern Recognition Language (CPRL) enable FortiGuard antivirus to identify thousands of current and future malware variants with a single signature – optimizing your deployment's security effectiveness and performance.



Web Application Security Service

The FortiWeb Security subscription service provides fully automated updates to protect your sensitive data and content from the latest application-layer threats. FortiGuard Labs provides updates on the latest advanced application vulnerabilities, bots, suspicious URL patterns, data-type patterns, and heuristic detection engines to enable FortiWeb Security-enabled appliances to prevent both new and evolving-application threats from gaining access to your web applications.



Antispam

Email is still the #1 vector for the start of an advanced attack on an organization, so a highly effective antispam solution should be a key part of any security strategy. FortiGuard Antispam detects unwanted and often malicious email with global spam filtering that uses sender IP reputation and spam signatures. To keep your antispam solution optimized, FortiGuard Labs delivers nearly 46 million new and updated spam rules every single week. The FortiGuard Antispam feed is available for both the FortiMail and FortiGate solutions.



Vulnerability Scan

The FortiGuard Vulnerability Scan service helps the FortiClient solution accurately identify and manage the latest software vulnerabilities on endpoint devices. It identifies the OS and applications, and discovers known vulnerabilities in versions of software currently running on the endpoints in your organization. It also provides timely remediation intelligence to help you remediate systems that have been identified as vulnerable.



Botnet IP and Domain Reputation

Every minute of every day, FortiGuard Labs blocks approximately 32,000 botnet command & control communication attempts. A key part of a botnet's attack kill chain requires an infected device to communicate with a command & control server – either to download additional threats or to exfiltrate stolen data. FortiGuard's IP and domain address reputation tools block this communication, thereby neutralizing these threats.



Database Security Control

FortiGuard's Database Security service offers centrally managed, enterprise-scale database protection for Fortinet's FortiDB product line. Automated content updates provide the latest pre-configured policies that cover known exploits, configuration weaknesses, OS issues, operational risks, data access privileges, and industry/regulatory best practices.



Mobile Security Service

Protect your organization against attacks targeting your mobile platforms. Fortinet's Mobile Security Service gives you the ability to create effective protection against the latest threats targeting mobile devices. It employs industry-leading advanced detection engines to prevent both new and evolving threats from gaining a foothold inside your network and its invaluable content.



Advanced Threat Protection (FortiSandbox Cloud)

Thousands of organizations leverage FortiSandbox to identify advanced threats. FortiSandbox utilizes the full FortiGuard antivirus database, along with community reputation lookups, platform-independent code emulation, and virtual sandboxing to identify zero-day threats and attacks using new evasion tactics. The FortiSandbox Cloud service leverages this same FortiSandbox technology, and is integrated with the FortiGate platform.



FortiGate Solution Services

FortiGuard Labs delivers a number of security intelligence services to augment the FortiGate firewall platform. You can easily optimize the protection capabilities of your FortiGate solution with the FortiGuard Enterprise Bundle, which contains the full set of FortiGuard security services along with FortiCare service and support.

If you have specific needs, you can also subscribe to individual services from our a la carte menu.

FortiGuard Service Bundles

Enterprise Bundle	Designed to address today's advanced threat landscape, the Enterprise Bundle delivers all FortiGuard security services available for the FortiGate including: NGFW Application Control and IPS, Web Filtering, FortiSandbox Cloud, AntiVirus, Mobile Security, IP & Domain Reputation, AntiSpam, core FortiCare security services, and a choice of 8x5 or 24x7 support.
UTM Bundle	This traditional UTM security services bundle includes NGFW Application Control and IPS, Web Filtering, AntiVirus, AntiSpam, and core FortiCare security services, along with a choice of 8x5 or 24x7 support.
NGFW (App Control & IPS)	Classic Next-Generation Firewall security with Application Control and IPS updates.
FortiGuard A La Carte Services	
AntiVirus	Updates to enhance the detection and blocking of malware threats.
Web Filtering	The latest web threat analysis helps you monitor, control, or block access to risky or malicious websites, combined with extensive web filtering.
Cloud Sandbox	Feed updates detect advanced threats, including zero-day attacks.
Mobile & IP/Domain Reputation Security	Allows you to detect and block the latest threats targeting mobile platforms, combined with intelligence to block communications to known command & control servers.
AntiSpam	Antispam filter updates reduce email attacks by blocking spam traffic at the perimeter.

Additional Service Packages

FortiGuard Labs delivers a number of security intelligence service packages designed for specific Fortinet solutions.

FortiSandbox	Intelligence from IPS, AntiVirus, IP Reputation, Web Filtering, and FortiCare services.
FortiClient	Intelligence from Application Control, AntiVirus, Web Filtering, Vulnerability Scan, and FortiCare services.
FortiCache	Intelligence from AntiVirus, Web Filtering, Content Analysis, and FortiCare services.
FortiMail	Intelligence from AntiVirus, AntiSpam, FortiSandbox Cloud, and FortiCare services.
FortiWeb	Intelligence from Web Application Security, AntiVirus, IP Reputation, Vulnerability Scan, and FortiCare services.
FortiADC	Intelligence from IP Reputation Web Application Security, and FortiCare services.
FortiDDoS	Intelligence from IP Reputation and FortiCare services.
FortiDB	Intelligence from Database Security and FortiCare services.

FortiCare Service and Support

FortiCare subscriptions deliver core data feeds to the FortiGate and other security platforms, providing software updates, GeoIP intelligence, whitelists for security filters, and performance optimization. They also include support from the FortiCare team to assist you with your FortiGate and FortiGuard solution.



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